



# Hawthorne Army Depot

*"Worlds Largest Ammunition Depot"*

JMAC

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# Agenda



- Future Capabilities
- Partnerships
- Infrastructure
- Natural Resources
- Environmental
- Mount Grant Challenge



# Future Capability



- QWE/State Compliance  
Air purification system
- Sandia Labs CBU/CEM  
Treaty Project

← 117-5 Melt Out Facility

- Bulk Energetic Disposal System (BEDS)

117-4 BEDS →



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# Partnering



- Nevada National Guard
  - Letter of Intent
  - MOA
  - Out Grant
  - 11 Ranges
  - 3 Magazines

← 609<sup>th</sup> ENG Co.

- Community
  - Camping
  - Fishing
    - NDOW
    - Tui-Chubs
  - Mineral County Active Shooter Plan

Eagle Scout Project →



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# Infrastructure



- Babbitt Substation
  - 1960 era Switchgear vaults
  - Struck by lightning
  - Initiated Continuity of Operation Plan (COOP)
  - Rebuild Substation

← Switchgear Vault

- Fire Suppression
  - Deluge System
  - CO2 / Heat / Flash
  - Upgrade Three Buildings

Flash Sensor →



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## Infrastructure (Cont.)



- Hawthorne Water System
  - Dam, 123 foot
  - 3 Reservoirs
  - Treatment Plant (Surface/Ground)
  - 8 Water Towers (Gravity Fed)
  - Supplies HWAD
  - Back feeds the Town of Hawthorne

← Cat Creek Dam

- New Water Treatment Facility (2007)
  - Surface Water (Congress Funded)
  - Ground Water (MCA Funded)
- Replace Water Distribution Lines
  - 1930 era

Black Beauty Reservoir (1 of 3) →



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# Natural Resources



- Sage Grouse 7 - 231
  - Telemetry Collars
  - Numbers Increasing (2003 - 2013)
  - Habitat Excellent
  - Limited Access

← Sage Grouse

- Sage Grouse Buffer Zones
  - Approximate Acreage = 500
  - Nesting Period (April – July)
  - Controlled Access
- Partners
  - Various State, Federal

Sage Grouse Buffer Zones →



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# Environmental



- Walker Lake Munitions Clean-up
  - 2,700 Acres
  - \$70 M
- Partners
  - BLM
  - NDEP
  - Army Environmental Command
  - Army Corps of Engineers

← Walker Lake

- Solar Power
  - Tooele Army Depot
  - 300+ Sunny days at Hawthorne
- Geothermal Testing
  - Navy Geothermal Program Office
  - Revealed feasible (2011)

Tooele Army Depot →



## ***Worlds Largest Demilitarization Facility***





# I Challenge You



- Mount Grant Challenge
  - 9/11 Memorial
  - 17.2 Miles
  - Start elevation 4,300 feet
  - Finish elevation 11,329 feet

